

1643

Serial Number: 09/501/171A

ENTERED

#4

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seq 4, 6 - corrected amino acid numbering

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JUN 26 2001

TECH CENTER 1600/2900

*Examiner: ~~The above~~ corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING

DATE: 06/08/2000

PATENT APPLICATION: US/09/501,171A

TIME: 10:48:01

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06082000\I501171A.raw

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5   Fraser, Paul E.
7 <120> TITLE OF INVENTION: Proteins Related to Neuronal
8   Regeneration and Uses Thereof
10 <130> FILE REFERENCE: 1034/1F811
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C--> 12 <141> CURRENT FILING DATE: 2000-02-09
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25           20           25           30
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27   35           40           45
28 Pro Leu Ser Asn Gly Arg Pro Gln Gly Asn Ser Arg Gln Val Val Glu
29   50           55           60
30 Gln Asp Glu Glu Glu Asp Glu Glu Leu Thr Leu Lys Tyr Gly Ala Lys
31   65           70           75           80
32 His Val Ile Met Leu Phe Val Pro Val Thr Leu Cys Met Val Val Val
33           85           90           95
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35           100          105          110
36 Leu Ile Tyr Thr Pro Phe Thr Glu Asp Thr Glu Thr Val Gly Gln Arg
37   115          120          125
38 Ala Leu His Ser Ile Leu Asn Ala Ala Ile Met Ile Ser Val Ile Val
39   130          135          140
40 Val Met Thr Ile Leu Leu Val Val Leu Tyr Lys Tyr Arg Cys Tyr Lys
41   145          150          155          160
42 Val Ile His Ala Trp Leu Ile Ile Ser Ser Leu Leu Leu Phe Phe
43           165          170          175
44 Phe Ser Phe Ile Tyr Leu Gly Glu Val Phe Lys Thr Tyr Asn Val Ala
45           180          185          190
46 Val Asp Tyr Ile Thr Val Ala Leu Leu Ile Trp Asn Phe Gly Val Val
47           195          200          205
48 Gly Met Ile Ser Ile His Trp Lys Gly Pro Leu Arg Leu Gln Gln Ala
49   210          215          220
50 Tyr Leu Ile Met Ile Ser Ala Leu Met Ala Leu Val Phe Ile Lys Tyr
51   225          230          235          240
52 Leu Pro Glu Trp Thr Ala Trp Leu Ile Leu Ala Val Ile Ser Val Tyr
53           245          250          255
54 Asp Leu Val Ala Val Leu Cys Pro Lys Gly Pro Leu Arg Met Leu Val

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59          290          295          300
60 Ala Gln Arg Arg Val Ser Lys Asn Ser Lys Tyr Asn Ala Glu Ser Thr
61          305          310          315          320
62 Glu Arg Glu Ser Gln Asp Thr Val Ala Glu Asn Asp Asp Gly Gly Phe
63          325          330          335
64 Ser Glu Glu Trp Glu Ala Gln Arg Asp Ser His Leu Gly Pro His Arg
65          340          345          350
66 Ser Thr Pro Glu Ser Arg Ala Ala Val Gln Glu Leu Ser Ser Ser Ile
67          355          360          365
68 Leu Ala Gly Glu Asp Pro Glu Glu Arg Gly Val Lys Leu Gly Leu Gly
69          370          375          380
70 Asp Phe Ile Phe Tyr Ser Val Leu Val Gly Lys Ala Ser Ala Thr Ala
71          385          390          395          400
72 Ser Gly Asp Trp Asn Thr Thr Ile Ala Cys Phe Val Ala Ile Leu Ile
73          405          410          415
74 Gly Leu Cys Leu Thr Leu Leu Leu Ala Ile Phe Lys Lys Ala Leu
75          420          425          430
76 Pro Ala Leu Pro Ile Ser Ile Thr Phe Gly Leu Val Phe Tyr Phe Ala
77          435          440          445
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81 465
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94 35 40 45
95 Ser Gln Glu Asn Glu Glu Asp Gly Glu Glu Asp Pro Asp Arg Tyr Val
96 50 55 60
97 Cys Ser Gly Val Pro Gly Arg Pro Pro Gly Leu Glu Glu Leu Thr
98 65 70 75 80
99 Leu Lys Tyr Gly Ala Lys His Val Ile Met Leu Phe Val Pro Val Thr
100 85 90 95
101 Leu Cys Met Ile Val Val Val Ala Thr Ile Lys Ser Val Arg Phe Tyr
102 100 105 110
103 Thr Glu Lys Asn Gly Gln Leu Ile Tyr Thr Pro Phe Thr Glu Asp Thr
104 115 120 125
105 Pro Ser Val Gly Gln Arg Leu Leu Asn Ser Val Leu Asn Thr Leu Ile

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108 145      150      155      160
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110      165      170      175
111 Leu Met Leu Leu Phe Leu Phe Thr Tyr Ile Tyr Leu Gly Glu Val Leu
112      180      185      190
113 Lys Thr Tyr Asn Val Ala Met Asp Tyr Pro Thr Leu Leu Leu Thr Val
114      195      200      205
115 Trp Asn Phe Gly Ala Val Gly Met Val Cys Ile His Trp Lys Gly Pro
116      210      215      220
117 Leu Val Leu Gln Gln Ala Tyr Leu Ile Met Ile Ser Ala Leu Met Ala
118 225      230      235      240
119 Leu Val Phe Ile Lys Tyr Leu Pro Glu Trp Ser Ala Trp Val Ile Leu
120      245      250      255
121 Gly Ala Ile Ser Val Tyr Asp Leu Val Ala Val Leu Cys Pro Lys Gly
122      260      265      270
123 Pro Leu Arg Met Leu Val Glu Thr Ala Gln Glu Arg Asn Glu Pro Ile
124      275      280      285
125 Phe Pro Ala Leu Ile Tyr Ser Ser Ala Met Val Trp Thr Val Gly Met
126      290      295      300
127 Ala Lys Leu Asp Pro Ser Ser Gln Gly Ala Leu Gln Leu Pro Tyr Asp
128 305      310      315      320
129 Pro Glu Met Glu Glu Asp Ser Tyr Asp Ser Phe Gly Glu Pro Ser Tyr
130      325      330      335
131 Pro Glu Val Phe Glu Pro Pro Leu Thr Gly Tyr Pro Gly Glu Glu Leu
132      340      345      350
133 Glu Glu Glu Glu Glu Arg Gly Val Lys Leu Gly Leu Gly Asp Phe Ile
134      355      360      365
135 Phe Tyr Ser Val Leu Val Gly Lys Ala Ala Ala Thr Gly Ser Gly Asp
136      370      375      380
137 Trp Asn Thr Thr Leu Ala Cys Phe Val Ala Ile Leu Ile Gly Leu Cys
138 385      390      395      400
139 Leu Thr Leu Leu Leu Leu Ala Val Phe Lys Lys Ala Leu Pro Ala Leu
140      405      410      415
141 Pro Ile Ser Ile Thr Phe Gly Leu Ile Phe Tyr Phe Ser Thr Asp Asn
142      420      425      430
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147 <211> LENGTH: 4746
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154 gaggagctgt cgccggcgga ggggtcatgt ttgcgaggaa gccgcggggc gccgcgcctt      180
155 tgggagctat gcctgttcca gaccagcctt catcagcctc agagaagacy agttccctga      240
156 gccccggcctt aaacacctcc aacggggatg gctctgaaac agaaaccacc tctgccatcc      300

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162	cccagagtgc	acttcagctc	aattccaaac	ctgaagggtc	tttccagtat	ccggccagct	660
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166	ccagcctggg	cagcgccttc	caactgcccc	acgcgcgcgc	cgcgcgcgcg	gccgcgcgcg	900
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/501,171A
 DATE: 06/08/2000
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Input Set : A:\Pto.amc
 Output Set: N:\CRF3\06082000\I501171A.raw

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/501,171A

DATE: 06/08/2000

TIME: 10:48:02

Input Set : A:\Pto.amc

Output Set: N:\CRF3\06082000\I501171A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date